

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/006690

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08G77/02 C04B28/22 C04B38/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08G C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 51 290 A (ZENI VITTORIO ; CUMER SERGIO (IT)) 12 May 1999 (1999-05-12) page 2, column 3 - page 2, column 50; claims; examples 1,2 -----	1-40
X	US 4 824 807 A (BLOUNT DAVID H) 25 April 1989 (1989-04-25) example 8(n); example 13 (a),(b); example 16(c),(d),(p) column 7, line 1 - column 7, line 41; claims -----	1-40
X	DE 296 16 052 U (KRAFFT ALFRED PETER) 2 January 1997 (1997-01-02) page 3, line 5 - page 3, line 25 page 5, line 25 - page 18, line 9 page 28, line 8 - page 35, line 15; claims; tables 1,2 -----	1-40

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

30 September 2004

Date of mailing of the international search report

06/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kolitz, R

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006690

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
DE 19851290	A	12-05-1999	IT	VR970105 A1	06-05-1999
			DE	19851290 A1	12-05-1999
US 4824807	A	25-04-1989	US	4908339 A	13-03-1990
			US	4945074 A	31-07-1990
DE 29616052	U	02-01-1997	DE	19600977 A1	17-07-1997
			DE	29616052 U1	02-01-1997
			AT	194000 T	15-07-2000
			AU	2149097 A	01-08-1997
			WO	9725291 A2	17-07-1997
			DE	19780011 D2	28-01-1999
			DE	59701911 D1	27-07-2000
			EP	0873283 A2	28-10-1998
			JP	2000502984 T	14-03-2000